PROJECT
INTRODUCTION
AGGREGATES AND CONSTRUCTION GO HAND-IN-HAND

• California’s aggregates industry supplies sand, gravel, and crushed stone for local construction.

• Aggregates are necessary for making ready-mixed concrete, asphalt, and many other building materials.

• Millions of tons of aggregates are required to build and maintain our infrastructure: roads, highways, homes, buildings, schools, and public works.

SOURCE: California Construction and Industrial Materials Association, 2009
AGGREGATES INDUSTRY IN SANTA CLARA

• The total combined annual impact of the construction and aggregate industries in Santa Clara County is **$12.5 billion**.

• Aggregates and construction has a **2.2 multiplier** effect, one of the highest of any industry.

• The aggregate industry's average wage is **$71,200**, compared to an average income of **$66,000** for all industries in Santa Clara County.

• **Local aggregate supplies reduce costs to taxpayers, home buyers, consumers, and to the environment.**

SOURCE: Construction Materials Association of California, 2006
DISTANCE MATTERS

• Transporting from shorter distances is healthier for all of us – less tail pipe emissions which have been linked to various illnesses
• Transporting from shorter distances protects the environment and reduces traffic – less diesel fuel consumption
• Transporting from shorter distances saves money - cost of trucking aggregates increases 15 cents per ton for every mile hauled

SOURCE: Construction Materials Association of California, 2015
PROJECTS REQUIRING AGGREGATES
BENEFITS OF SARGENT QUARRY

• Provides an upland source of sand and gravel with no riparian impacts
• Provides up to 40 million tons of necessary materials for concrete and asphalt – the only source in Santa Clara County
• Creates jobs and local expenditures
IDEAL LOCATION

• No Neighbor Impacts- Noise, Dust, Air, Water
• All Truck Traffic goes directly on Highway 101
• Environmental and Visual Impacts Mitigated to Less than Significant Thresholds
SARGENT QUARRY FACT SHEET

• Sargent Ranch is 6,200 acres
• Sargent Quarry is 292 acres total of which 220 acres are in Mining Area = 5% of Sargent Ranch
• 30 Year Use Permit Requested
• Mining done in 4 phases
• Set backs are 150 feet from all environmentally sensitive areas of the Ranch
• Balance of Ranch for Mitigation, Conservation, Grazing, Oil Production
• 15 to 20 Good Paying Union Jobs
QUARRY OVERVIEW

Phases 1 & 2

Phases 3 & 4

Quarry Entrance

Phases 1 & 2

101 Freeway
PRIOR TO PHASE 1 OF MINING

- Building of Berm along Highway 101 to shield view
- Haul Road developed
- Plant Site constructed
PHASE 1 & 2 MINING – 5 TO 8 YEARS

NOTES:
1. TOPSOIL FROM PHASE 1 SHALL BE STOCKPILED AS SHOWN ON FIGURE 106 FOR LATER USE WITH RECLAMATION PLANTING OF PHASE 4 AND PLANT SITE.
2. OVERBURDEN IN PHASE 1 SHALL BE STOCKPILED AS SHOWN ON FIGURE 106.
3. OVERBURDEN IN PHASE 2 WILL BE USED FOR RECLAMATION PLANTING OF PHASE 1. ENOUGH OVERBURDEN SHALL BE STOCKPILED IN PHASE 1 FOR USE AS RECLAMATION PLANTING OR PHASE 2. ADDITIONAL OVERBURDEN SHALL BE STOCKPILED AS SHOWN ON FIGURE 108.
4. TOPSOIL FROM PHASE 2 SHALL BE USED FOR RECLAMATION PLANTING OF PHASE 1.
5. A PORTION OF TOPSOIL FROM PHASE 3 SHALL BE USED AS RECLAMATION PLANTING FOR PHASE 1 AND 2.
6. TOPSOIL STOCKPILES SHALL HAVE A POSTED SIGN SAYING “TOPSOIL”.
7. REFER TO FIGURES 14 & 15 FOR MINE CROSS SECTIONS.
8. REFER TO FIGURES 20-22 FOR MINE RECLAMATION CROSS SECTIONS.
9. FOR FULL SIZE PLANS REFER TO APPENDIX H.
PHASE 3 MINING – 15 YEARS

1. A PORTION OF TOPSOIL FROM PHASE 3 WILL BE USED FOR RECLAMATION PLANTING OF PHASE 2.
2. ADDITIONAL TOPSOIL SHALL BE STOCKPILED AS SHOWN HEREIN AS TOPSOIL STOCKPILE "B" FOR PARTIAL RECLAMATION GRADING OF PHASE 3.
3. A PORTION OF OVERBURDEN IN PHASE 3 WILL BE STOCKPILED AS SHOWN HEREIN AND WILL BE PERMANENT.
4. ADDITIONAL OVERBURDEN SHALL BE STOCKPILED IN PHASE 3 AND USED FOR INITIAL RECLAMATION OF PHASE 3.
5. TOPSOIL FROM STOCKPILE "B" SHALL BE SPREAD ACROSS THE PERMANENT OVERBURDEN STOCKPILE.
6. ADDITIONAL TOPSOIL FROM STOCKPILE "C" SHALL BE USED AS RECLAMATION PLANTING IN PHASE 3.
7. TOPSOIL STOCKPILES SHALL HAVE A POSTED SIGN SAYING "TOPSOIL."
8. REFER TO FIGURES 14 & 15 FOR MINE CROSS SECTIONS.
9. REFER TO FIGURES 20-22 FOR MINE RECLAMATION CROSS SECTIONS.
10. FOR FULL SIZED PLANS REFER TO APPENDIX ...

LEGEND

QUARRY EXCAVATION
ESTIMATED QUANTITIES

PHASE 3 TOTAL VOLUME
PHASE 3 TOP SOIL (TOP 2 FEET)
PHASE 3 OVERBURDEN
PHASE 3 PRODUCT

13,200,000 CY
272,000 CY
3,825,000 CY
8,600,000 CY
1. PHASE 4 OVERBURDEN WILL BE USED TO RECLAM PHASE 3 AND A AS SHOWN.
2. PHASE 4 AND A PORTION OF PHASE 1 TOPSOIL SHALL BE SPREAD 6" MIN ACROSS ALL OF PHASE 3 AND 4.
3. REFER TO FIGURES 20-22 FOR MINE RECLAMATION CROSS SECTIONS.
4. FOR FULL SCALE PLANS REFER TO APPENDIX H.
MITIGATION AREA FOR ENVIRONMENTAL IMPACTS
MITIGATION AREA FEATURES

• 259 acres of Annual grasslands providing Red Legged Frog and California Tiger Salamander estivation habitat, burrowing owl habitat, American badger habitat;

• 47 acres of Oak Forest and Woodland providing Nesting, roosting, and foraging habitat for many common and special-status birds.
MITIGATION AREA FEATURES (cont.)

• 91 acres of Coastal Sage Scrub and Chaparral habitat providing nesting, roosting, and foraging habitat for special-status birds and other animals.
• 1 acre of Seasonal wetlands providing known CRLF breeding habitat; potential CTS breeding habitat.
• Over 11,000 Lineal feet of Streams draining to both Sargent and Pescadero Creeks
VISUAL SCREENING BERM AT HIGHWAY FROM NORTHBOUND 101
VISUAL SCREENING BERM AT HIGHWAY FROM SOUTHBOUND 101